## **EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2336	((copier) same (scan\$4 or reader)) same ((stor\$4 or memory or ram or rom or buffer)) same ((print\$4))	US-PGPUB; USPAT	OR	ON	2008/02/08 10:21
82	691786	((collaborat\$5 or manag \$6 or schedu\$4))	US-PGPUB; USPAT	OR	ON	2008/02/08 09:59
S3	1266	S1 and S2	US-PGPUB; USPAT	OR	ON	2008/02/08 09:59
S4	242	((copier) same (scan\$4 or reader)) same ((stor\$4 or memory or ram or rom or buffer)) same ((print\$4)) same ((collaborat\$5 or manag\$6 or schedu\$4))	US-PGPUB; USPAT	OR	ON	2008/02/08 10:00
<b>S</b> 5	1	((copier) same (scan\$4 or reader)) same ((stor\$4 or memory or ram or rom or buffer)) same ((print\$4)) same ((collaborat\$5))	US-PGPUB; USPAT	OR	ON	2008/02/08 10:01
<b>S</b> 6	85	((copier) same (scan\$4 or reader)) same ((stor\$4 or memory or ram or rom or buffer)) same ((print\$4)) and ((collaborat\$5))	US-PGPUB; USPAT	OR	ON	2008/02/08 10:04
S7	794201	((memory or stor\$4 or ram or rom) same (threshold or remain\$4 or limit\$4))	US-PGPUB; USPAT	OR	ON	2008/02/08 10:02
<b>S</b> 8	1126	((memory or stor\$4 or ram or rom) same (threshold or remain\$4 or limit\$4)) same ((copier))	US-PGPUB; USPAT	OR	ON	2008/02/08 10:03
S9	1126	((memory or stor\$4 or ram or rom) same (threshold or remain\$4 or limit\$4)) same ((copier))	US-PGPUB; USPAT	OR	ON	2008/02/08 10:03
S10	343	S1 and S9	US-PGPUB; USPAT	OR	ON	2008/02/08 10:03
S11	7	S6 and S10	US-PGPUB; USPAT	OR	ON	2008/02/08 10:14
S12	1	("20030169461").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/08 10:14
S13	1	S12 and (memory or stor \$4 or ram or rom or copier MFP)	US-PGPUB; USPAT	OR	ON	2008/02/08 10:16

S14	1	S12 and (memory or stor \$4 or ram or rom or copier MFP or delet\$4 or clear\$4 or scan\$4)	US-PGPUB; USPAT	OR	ON	2008/02/08 10:16
S15	30928	((empty\$4 or remov\$4 or delet\$4) near10 (memory or stor\$4 or rom or ram)) same ((limit or threshold or remain\$4))	US-PGPUB; USPAT	OR	ON	2008/02/08 10:24
S16	70	S1 and S15	US-PGPUB; USPAT	OR	ON	2008/02/08 13:45
S17	1	("6930793").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/08 13:47
S18	1	("4876609").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/08 13:50
S19	1	("20060015756").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/08 13:51
S20	15	((COPIER) same (memory or stor\$4)).ti.	US-PGPUB; USPAT	OR	ON	2008/02/08 14:05
\$21	30	((COPIER) same (memory or stor\$4)) same ((delet \$4 or remov\$4 or empty \$4)).ab.	US-PGPUB; USPAT	OR	ON	2008/02/08 14:25
S22	1	S19 and (copier or printer or memory or stor\$4 or rom or ram)	US-PGPUB; USPAT	OR	ON	2008/02/08 14:37
S23	1	S19 and mask\$4	US-PGPUB; USPAT	OR	ON	2008/02/08 14:38
S24	1	S19 and (delet\$4 or remov \$4 or empty\$4 or glean \$4)	US-PGPUB; USPAT	OR	ON	2008/02/08 14:44
S25	1	("5087979").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/08 14:44
S26	1	S25 and (memor\$4 or ram or rom or buffer or stor\$4) and (excee\$4 or capacit\$4 or copier or printer or scan\$4)	US-PGPUB; USPAT	OR	OFF	2008/02/08 14:51
\$27	1	S25 and (memor\$4 or ram or rom or buffer or stor\$4) and (excee\$4 or capacit\$4 or copier or printer or scan\$4 or marking adj engine)	US-PGPUB; USPAT	OR	OFF	2008/02/08 14:51
\$28	1	S25 and (memor\$4 or ram or rom or buffer or stor\$4) and (excee\$4 or capacit\$4 or copier or printer or scan\$4 or marking adj engine)	US-PGPUB; USPAT	OR	ON	2008/02/08 14:52

S29	1	("20060015756").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/09 10:26
S30	1	S29 and (copier or printer or memory or stor\$4 or rom or ram)	US-PGPUB; USPAT	OR	ON	2008/02/09 10:26
S31	1	S30 and (copier or printer or memory or stor\$4 or rom or ram)	US-PGPUB; USPAT	OR	ON	2008/02/09 10:27
S32	1	S31 and (delet\$4 or remov \$4 or empty\$4 or glean \$4)	US-PGPUB; USPAT	OR	ON	2008/02/09 10:27
S33	1	S32 and mask\$4	US-PGPUB; USPAT	OR	ON	2008/02/09 10:27
S34	1	S33 and (scan\$4 or read \$4)	US-PGPUB; USPAT	OR	ON	2008/02/09 10:32
<b>S</b> 35	1	S34 and (facsimile or fax or printer or scanner)	US-PGPUB; USPAT	OR	ON	2008/02/09 10:36
S36	51	((copier) same (scan\$4 or reader)) same ((printer)) same ((synchronization or synchronizing or synchron \$7)) same ((memory or stor\$4 or ram or rom))	US-PGPUB; USPAT	OR	ON	2008/02/09 10:53
S37	11	((copier) same (scan\$4 or reader)) same ((printer)) same ((synchronization or synchronizing or synchron \$7)) same ((memory or stor\$4 or ram or rom)) same ((trhreshold or excced\$4 or capacit\$4 or rate))	US-PGPUB; USPAT	OR	ON	2008/02/09 10:54
S38	11	((copier) same (scan\$4 or reader)) same ((printer)) same ((synchronization or synchronizing or synchron \$7)) same ((memory or stor\$4 or ram or rom)) same ((threshold or exceed\$4 or capacit\$4 or rate))	US-PGPUB; USPAT	OR	ON	2008/02/09 10:57
S39	3	((copier) same (scan\$4 or reader)) same ((printer)) same ((synchronization or synchronizing or synchron \$7)) same ((memory or stor\$4 or ram or rom)) same ((delet\$4 or empt\$4 or remov\$4))	US-PGPUB; USPAT	OR	ON	2008/02/09 10:58
S40	8	((copier) same (memory)). ti.	US-PGPUB; USPAT	OR	ON	2008/02/09 11:01

S41	1293	(copier).ti.	US-PGPUB; USPAT	OR	ON	2008/02/09 11:05
S42	179	((copier) same (memory)). ab.	US-PGPUB; USPAT	OR	ON	2008/02/09 11:06
S43	3	S42 and ((optimi\$5) near6 (memory or stor\$4 or rom or ram))	US-PGPUB; USPAT	OR	ON	2008/02/09 11:07
S44	121	S42 and (threshold or capacit\$4 or limit)	US-PGPUB; USPAT	OR	ON	2008/02/09 11:24
S45	1	("6330347").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/09 11:33
S46	1	("6757447").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/09 11:34
S47	1	("20020118376").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/09 11:45
S48	1	\$47 and (delet\$4 or empty \$4 or eras\$4 or remov\$4 or clear\$4)	US-PGPUB; USPAT	OR	OFF	2008/02/09 11:47
S49	103	\$44 and (delet\$4 or empty \$4 or eras\$4 or remov\$4 or clear\$4)	US-PGPUB; USPAT	OR	OFF	2008/02/09 11:48
S50	94	\$44 and (delet\$4 or empty \$4 or eras\$4 or remov\$4)	US-PGPUB; USPAT	OR	OFF	2008/02/09 11:48
S51	11	S44 and (delet\$4)	US-PGPUB; USPAT	OR	OFF	2008/02/09 11:48
S52	34	S44 and ((delet\$4 or empty\$4 or eras\$4 or remov\$4) near4 (memory or stor\$4 or buffer or ram o rom))	US-PGPUB; USPAT	OR	OFF	2008/02/09 12:05
S53	1	((copier)) same ((delet\$4 or empty\$4 or clearing) near4 (memory or ram or rom or buffer or stor\$4)) same ((notification or response or report or notify or notifying) near5 (printed or complete\$4))	US-PGPUB; USPAT	OR	OFF	2008/02/09 13:13
S54	5	((copier)) and ((delet\$4 or empty\$4 or clearing) near4 (memory or ram or rom or buffer or stor\$4)) same ((notification or response or report or notify or notifying) near5 (printed or complete\$4))	US-PGPUB; USPAT	OR	OFF	2008/02/09 13:14
S55	82	S44 and (delet\$4 or empty \$4 or remov\$4)	US-PGPUB; USPAT	OR	OFF	2008/02/09 13:44

S56	61	S44 and (delet\$4 or empty \$4 or removing or removed)	US-PGPUB; USPAT	OR	ON	2008/02/09 13:47
S57	62	((copier)) same ((delet\$4 or empty\$4 or clearing) near4 (memory or ram or rom or buffer or stor\$4))	US-PGPUB; USPAT	OR	OFF	2008/02/09 14:08
S58	108	((copier)) same ((delet\$4 or empty\$4 or clearing or removed or removing) near4 (memory or ram or rom or buffer or stor\$4))	US-PGPUB; USPAT	OR	OFF	2008/02/09 14:08
S59	108	((copier)) same ((delet\$4 or empty\$4 or clearing or removed or removing or deletion) near4 (memory or ram or rom or buffer or stor\$4))	US-PGPUB; USPAT	OR	OFF	2008/02/09 14:10
S60	1	("20060015756").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/10 07:00
S61	1	S60 and (copier or copy)	US-PGPUB; USPAT	OR	ON	2008/02/10 07:00
S62	1	S60 and (deletion or delet \$4)	US-PGPUB; USPAT	OR	ON	2008/02/10 07:31
S63	1	S60 and (deletion or delet \$4 or mask\$4)	US-PGPUB; USPAT	OR	ON	2008/02/10 07:36
S64	1	\$60 and (deletion or delet \$4 or mask\$4 or complete \$4)	US-PGPUB; USPAT	OR	ON	2008/02/10 07:37
S65	1	S60 and (password or permission)	US-PGPUB; USPAT	OR	ON	2008/02/10 08:05
S66	1	S60 and (display\$4 or monitor\$4 or show\$4 or screen)	US-PGPUB; USPAT	OR	ON	2008/02/10 08:07
S67	1	S60 and (media or paper or sheet or page)	US-PGPUB; USPAT	OR	ON	2008/02/10 08:16
S68	1	("20020118376").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/10 08:32
S69	1	("5287194").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/10 08:41
S70	1	S69 and (paper or media or sheet or medium)	US-PGPUB; USPAT	OR	ON	2008/02/10 08:41
S71	1	("5467434").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/10 08:42
S72	1	S71 and (paper or media or sheet or medium)	US-PGPUB; USPAT	OR	ON	2008/02/10 08:42

S73	0	((compar\$4)) same ((estima\$5) near6 (amount)) near10 ((paper or media or sheet)) same ((copier))	US-PGPUB; USPAT	OR	ON	2008/02/10 08:46
S74	0	((compar\$4)) same ((estima\$5) near6 (amount)) near10 ((paper or media or sheet)) same ((copier or printer))	US-PGPUB; USPAT	OR	ON	2008/02/10 08:47
S75	1	((compar\$4)) same ((estima\$5) near6 (remain \$4)) near10 ((paper or media or sheet)) same ((copier or printer))	US-PGPUB; USPAT	OR	ON	2008/02/10 08:48
S76	22	((estima\$5) near6 (remain \$4)) near10 ((paper or media or sheet)) same ((copier or printer))	US-PGPUB; USPAT	OR	ON	2008/02/10 08:48
S77	21	((estima\$5) near6 (remain \$4)) near10 ((paper or media or sheet)) same ((copier or printer)) and compar\$4	US-PGPUB; USPAT	OR	ON	2008/02/10 08:48
S78	1262	((estima\$5)) near10 ((paper or media or sheet) same (amount or quant\$4))	US-PGPUB; USPAT	OR	ON	2008/02/10 08:55
S79	672	((estima\$5)) near10 ((paper or media or sheet) near4 (amount or quant\$4))	US-PGPUB; USPAT	OR	ON	2008/02/10 08:55
S80	55	((estima\$5)) near10 ((paper or media or sheet) near4 (amount or quant\$4)) same ((compar \$4))	US-PGPUB; USPAT	OR	ON	2008/02/10 08:56
S81	1	((estima\$5)) near10 ((paper or media or sheet) near4 (amount or quant\$4)) same ((compar \$4)) same ((printer or copier))	US-PGPUB; USPAT	OR	ON	2008/02/10 08:56
S82	11	((estima\$5)) near10 ((paper or media or sheet) near4 (amount or quant\$4)) same ((compar \$4)) and ((printer or copier))	US-PGPUB; USPAT	OR	ON	2008/02/10 08:56
S83	1	("6625561").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/11 07:03

S84	1	S83 and (printer or copier or scan\$4 or facsimile or fax)	US-PGPUB; USPAT	OR	ON	2008/02/11 07:03
S85	1	S83 and (estimat\$5 or sheet or paper or media or job)	US-PGPUB; USPAT	OR	ON	2008/02/11 07:06
S86	1	S83 and (estimat\$5 or job)	US-PGPUB; USPAT	OR	ON	2008/02/11 07:08
S87	1	S83 and (estimat\$5 or job or quanti\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 07:10
S88	1	S83 and (estimat\$5 or job or quanti\$4 or approximately or sheets remain\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 07:11
<b>S</b> 89	1	S83 and (estimat\$5 or job or quanti\$4 or approximately or sheets remain\$4 or compar\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 07:16
S90	1	S83 and (compar\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 07:16
S91	1	S83 and (transfer\$4 or transmit\$4 or send\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 07:24
S92	0	S83 and toner	US-PGPUB; USPAT	OR	ON	2008/02/11 07:30
S93	0	S83 and resource\$4	US-PGPUB; USPAT	OR	ON	2008/02/11 07:32
S95	485	((estimat\$4) near6 (toner or ink or cartridge)) same ((amount or valume)) same ((remain\$4))	US-PGPUB; USPAT	OR	ON	2008/02/11 07:42
S96	280	S95 and ((job or document or file))	US-PGPUB; USPAT	OR	ON	2008/02/11 07:42
S97	42	((estimat\$4) near6 (toner or ink or cartridge)) same ((amount or valume)) same ((remain\$4)) same ((compar\$4))	US-PGPUB; USPAT	OR	ON	2008/02/11 07:44
S98	28	S97 and ((job or document or file))	US-PGPUB; USPAT	OR	ON	2008/02/11 07:44
S99	1	("20020141765").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/11 08:42
S100	1	S99 and (estimat\$5 or amount or ink or toner or cartridge or remain\$4 or compar\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 08:44
S101	1	\$99 and (estimat\$5 or amount or ink or toner or cartridge or remain\$4 or compar\$4 or job)	US-PGPUB; USPAT	OR	ON	2008/02/11 08:44

S102	1	S99 and (estimat\$5 orcompar\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 08:48
S103	1	S99 and (estimat\$5 same compar\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 08:48
S104	0	\$99 and (estimat\$5 same compar\$4 same job)	US-PGPUB; USPAT	OR	ON	2008/02/11 08:51
S105	1	\$99 and (estimat\$5 same compar\$4) and (job)	US-PGPUB; USPAT	OR	ON	2008/02/11 08:51
S106	1	S99 and job	US-PGPUB; USPAT	OR	ON	2008/02/11 09:41
S107	0	S99 and dispaly\$4	US-PGPUB; USPAT	OR	ON	2008/02/11 09:42
S108	1	("20060015756").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/11 10:07
S109	1	S108 and (memory or stor \$4 or rom or ram or buffer)	US-PGPUB; USPAT	OR	ON	2008/02/11 10:08
S110	42	((estimat\$4) near6 (memory or stor\$4)) same ((amount or valume)) same ((remain \$4)) same ((compar\$4))	US-PGPUB; USPAT	OR	ON	2008/02/11 10:12
S111	20	S110 and (printer or copier)	US-PGPUB; USPAT	OR	ON	2008/02/11 10:13
S112	1	("20020109860").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/11 10:25
S113	1	S112 and (estimat\$5 or compar\$4 or amount or stor\$4 or memory or remain\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 10:26
S114	1	S112 and (estimat\$5 or compar\$4 or amount or stor\$4 or memory or remain\$4 or capacit\$4 or detect\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 10:28
S115	1	S112 and (compar\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 10:29
S116	0	S112 and full	US-PGPUB; USPAT	OR	ON	2008/02/11 10:33
S117	0	S112 and signal\$4	US-PGPUB; USPAT	OR	ON	2008/02/11 10:34
S118	0	S112 and (signal\$4 or sensor)	US-PGPUB; USPAT	OR	ON	2008/02/11 10:35
S119	1	S112 and (detect\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 10:36
S120	1	S112 and remov\$5	US-PGPUB; USPAT	OR	ON	2008/02/11 10:38

S121	0	S108 and (compar\$4)	US-PGPUB; USPAT	OR	ON	2008/02/11 12:58
S122	1	((network adj system and parent adj device and scan \$4 adj unit and first adj memory and control\$4 adj unit and image adj forming adj unit and stor \$4 and collaborat\$5 and child and execut\$4 and receiv\$4 adj unit and entire adj portion and transfer\$4 and second adj memory)).clm.	US-PGPUB; USPAT	OR	ON	2008/12/05 12:21
S123	1	("7423773").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/05 13:59
S124	1	("20010038462").PN.	US-PGPUB; USPAT	OR	OFF	2008/12/06 08:38
S125	1	S124 and scan\$4	US-PGPUB; USPAT	OR	ON	2008/12/06 08:39
S126	1	S124 and (walk-up or walkup or walk adj up)	US-PGPUB; USPAT	OR	ON	2008/12/06 08:56
S127	1	S124 and (printers!)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:00
S128	1	S124 and (printers!) same (file)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:00
S129	1	S124 and walk	US-PGPUB; USPAT	OR	ON	2008/12/06 09:02
S130	1	S124 and (memory or stor \$4 or ram o ram or buffer)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:03
S131	1	S124 and (memory or stor \$4 or ram o ram or buffer) same (printer! or printers!)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:04
S132	1	S124 and (memory or stor \$4 or ram o ram or buffer) same (printer! and printers!) same (metadata)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:08
S133	1	S124 and (memory or stor \$4 or ram o ram or buffer) same (printer! and printers!) same (metadata)	US-PGPUB; USPAT	OR	OFF	2008/12/06 09:09

S134	0	S124 and (memory or stor \$4 or ram o ram or buffer) same (printer! and printers!) same (metadata) same (scan \$4)	US-PGPUB; USPAT	OR	OFF	2008/12/06 09:19
S135	0	S124 and (memory or stor \$4 or ram o ram or buffer) same (printer! and printers!) same (metadata) same (scan \$4)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:19
S136	1	S124 and (memory or stor \$4 or ram o ram or buffer) same (printer! and printers!) same (scan\$4)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:19
S137	1	S124 and (scan\$4)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:20
S138	1	S124 and (memory or stor \$4 or ram o ram or buffer) same (remain\$4 or full)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:22
S139	0	S124 and (memory or stor \$4 or ram o ram or buffer) same (detect\$5)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:24
S140	1	S124 and ("35" or device adj info\$7)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:28
S141	1	S124 and ("35" or device adj information or status or condition)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:29
S142	0	S124 and (interface)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:35
S143	1	S124 and (panel)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:35
S144	0	S124 and (seocnd adj implement\$5)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:37
S145	1	S124 and (second adj implement\$5)	US-PGPUB; USPAT	OR	ON	2008/12/06 09:37
S146	4042152	S124 and S124(B)	US-PGPUB; USPAT	OR	ON	2008/12/06 10:22
S147	1	S124 and 1B	US-PGPUB; USPAT	OR	ON	2008/12/06 10:22
S148	1	S124 and (scan\$4 same printer)	US-PGPUB; USPAT	OR	ON	2008/12/06 10:31
S149	1	S124 and (printer) same (memory or stor\$4)	US-PGPUB; USPAT	OR	ON	2008/12/06 10:33
S150	1	S124 and (printer) same (memory or stor\$4) same (scan\$4)	US-PGPUB; USPAT	OR	ON	2008/12/06 10:34

S151	1	S124 and (1A same print \$4)	US-PGPUB; USPAT	OR	ON	2008/12/06 10:40
S152	1	S124 and (control\$4 or processor or cpu or mpu)	US-PGPUB; USPAT	OR	ON	2008/12/06 10:43
S153	1	S124 and (control\$4 or processor or cpu or mpu) same (memory or stor\$4) same (scan\$4)	US-PGPUB; USPAT	OR	ON	2008/12/06 10:45
S154	26	(printers!) same (detect \$4) same (memory or stor \$4) same (remaining)	US-PGPUB; USPAT	OR	OFF	2008/12/06 11:24
S155	0	S124 and detet\$4	US-PGPUB; USPAT	OR	ON	2008/12/06 11:32
S156	1	S124 and delet\$4	US-PGPUB; USPAT	OR	ON	2008/12/06 11:32
S157	1	S124 and (delet\$4 same complet\$5)	US-PGPUB; USPAT	OR	ON	2008/12/06 11:32

## 5/21/09 2:52:09 PM

 $\textbf{C:} \ \textbf{Documents} \ \textbf{AST} \ \textbf{workspaces} \ \textbf{10763011.} \\ \textbf{wsp}$